

EXHIBIT 38

Velodyne LiDAR™

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HDL-64E



ALL THE DISTANCE SENSING DATA YOU WILL EVER NEED

The HDL-64E LiDAR sensor is designed for obstacle detection and navigation of autonomous ground vehicles and marine vessels. Its durability, 360° field of view and very high data rate makes this sensor ideal for the most demanding perception applications as well as 3D mobile data collection and mapping applications. The HDL-64E's innovative laser array enables navigation and mapping systems to observe more of their environment than any other LiDAR sensor.



CLASS 1 LASER PRODUCT

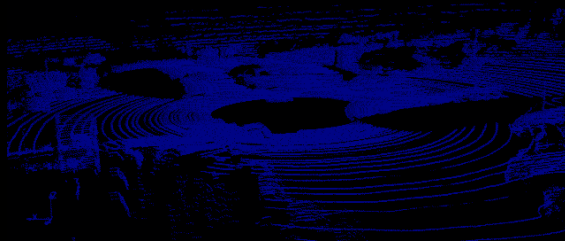
KEY FEATURES

- ▶ 64 Channels
- ▶ 120m range
- ▶ 2.2 Million Points per Second
- ▶ 360° Horizontal FOV
- ▶ 26.9° Vertical FOV
- ▶ 0.08° angular resolution (azimuth)

- ▶ <2cm accuracy
- ▶ ~0.4° Vertical Resolution
- ▶ User selectable frame rate
- ▶ Rugged Design

DOWNLOADS

3D - Real-Time - LiDAR



Key Applications

MINING



GEOLOGY



MAPPING



URBAN
PLANNING



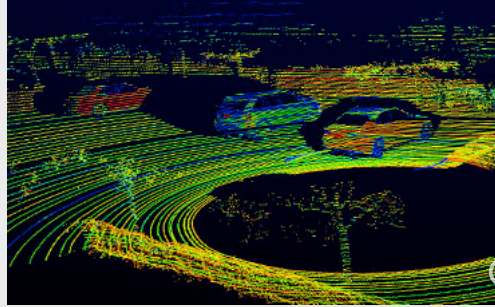
MEDIA



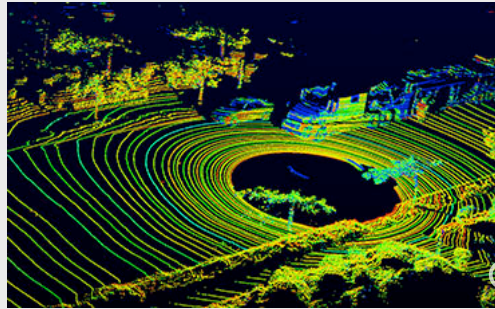
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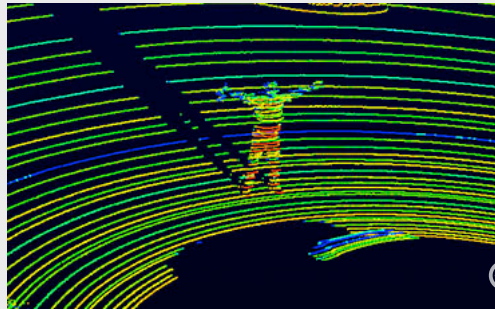
USER DATA EXAMPLES



Raw data from HDL-64E



Raw data from HDL-64E



Raw data from HDL-64E